

Certificate of Analysis

Date of Testing: 2022-03-24 16:05:39

Date of Next Testing: 2026-03-23 16:05:39

Product Name: **meso-Erythritol**

CAS Number: 149-32-6

Specifications & Purity: 99%

Lot #: C2222451

SKU #: **E105712**

Analysis: **075001**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	0.29 %
Purity(Iodometric Titration)	98.5-101.5 (%)	98.98 %
Melting point	120-122 (°C)	121.96000 °C
Purity(HPLC)	98-100 (%)	99.76000 %
Appearance (E105712)	White Powder or Crystals	White Powder or Crystals
¹³ C NMR Spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency
Solubility in H ₂ O , clear colorless ,50 mg/ml in water	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager